

**Pt. 53, Subpt. F, Fig. F-1**

**40 CFR Ch. I (7-1-14 Edition)**

Particle Aerodynamic Diameter ( $\mu\text{m}$ )	Test Sampler			Ideal Sampler		
	Fractional Sampling Effectiveness	Interval Mass Concentration ( $\mu\text{g}/\text{m}^3$ )	Estimated Mass Concentration Measurement ( $\mu\text{g}/\text{m}^3$ )	Fractional Sampling Effectiveness	Interval Mass Concentration ( $\mu\text{g}/\text{m}^3$ )	Estimated Mass Concentration Measurement ( $\mu\text{g}/\text{m}^3$ )
3.375		0.282		0.004	0.282	0.001
3.500		0.252		0.001	0.252	0.000000
3.625		0.226		0.000000	0.226	0.000000
3.750		0.204		0.000000	0.204	0.000000
3.875		0.185		0.000000	0.185	0.000000
4.000		0.170		0.000000	0.170	0.000000
4.125		0.157		0.000000	0.157	0.000000
4.250		0.146		0.000000	0.146	0.000000
4.375		0.136		0.000000	0.136	0.000000
4.500		0.129		0.000000	0.129	0.000000
4.625		0.122		0.000000	0.122	0.000000
4.750		0.117		0.000000	0.117	0.000000
4.875		0.112		0.000000	0.112	0.000000
5.000		0.108		0.000000	0.108	0.000000
5.125		0.105		0.000000	0.105	0.000000
5.250		0.102		0.000000	0.102	0.000000
5.375		0.100		0.000000	0.100	0.000000
5.500		0.098		0.000000	0.098	0.000000
5.625		0.097		0.000000	0.097	0.000000
5.75		0.096		0.000000	0.096	0.000000
		$C_{\text{sam(exp)}} =$			$C_{\text{ideal(exp)}} =$	78.539

FIGURE F-1 TO SUBPART F OF PART 53—DESIGNATION TESTING CHECKLIST

**DESIGNATION TESTING CHECKLIST FOR CLASS II**

Auditee			Auditor signature	Date
Compliance Status: Y = Yes N = No NA = Not applicable/Not available				
Verification			Verified by Direct Observation of Process or of Documented Evidence: Performance, Design or Application Spec. Corresponding to Sections of 40 CFR Part 53, Subparts E and F	
Y	N	NA		
			<b>Subpart E: Performance Specification Tests</b>	
			Evaluation completed according to Sub-part E § 53.50 to § 53.56	
			<b>Subpart E: Class I Sequential Tests</b>	
			Class II samplers that are also Class I (sequentialized) have passed the tests in § 53.57	
			<b>Subpart F: Performance Spec/Test</b>	
			Evaluation of Physical Characteristics of Clean Sampler - One of these tests must be performed: § 53.62 - Full Wind Tunnel § 53.63 - Inlet Aspiration § 53.64 - Static Fractionator	
			Evaluation of Physical Characteristics of Loaded Sampler § 53.65 Loading Test One of the following tests must be performed for evaluation after loading: § 53.62, § 53.63, § 53.64	
			Evaluation of the Volatile Characteristics of the Class II Sampler § 53.66	